

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWER OF ATTORNEY**

Sir:

The undersigned, BIOGEN IDEC MA INC., a Massachusetts Corporation, assignee of the entire right, title and interest for all of the patents and patent applications identified in the attached Schedule A, hereby revokes all previous powers of attorney or authorizations of agent given in the identified patents and patent applications and in any divisional, continuing, substitute, renewal, reexamination, or reissue applications thereof, and appoints all practitioners of Lowrie, Lando & Anastasi, LLP associated with Customer Number:

76776

as assignee's attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue applications thereof.

Please address all telephone calls to Louis Myers at telephone no. (617) 395-7000.

Please forward all correspondence to the correspondence address associated with Customer Number:

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BIOGEN IDEC MA INC.

By: *Cara Lowen*
Name: Cara Lowen
Title: Assistant Secretary
Associate General Counsel

Dated: *Jan 28, 2008*

ASSIGNEE CERTIFICATION

Attached to this power is a Certificate Under 37 CFR 3.73(b).

Dated: *January 28, 2008*

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SCHEDULE A

U.S. Patents:

<u>U.S. PATENT NO.</u>	<u>ISSUE DATE</u>	<u>ATTORNEY'S DOCKET NO.</u>
5,871,734	02/16/1999	B2047-700230
5,932,214	08/03/1999	B2047-700320
6,482,409	11/19/2002	B2047-700321
7,176,184	02/13/2007	B2047-700322
6,602,503	08/05/2003	B2047-700419
7,157,086	01/02/2007	B2047-700430
5,888,507	03/30/1999	B2047-700519
6,652,856	11/25/2003	B2047-702011
6,955,810	10/18/2005	B2047-7021US
5,217,870	06/08/1993	B2047-160001
5,272,263	12/21/1993	B2047-160003
5,367,056	11/22/1994	B2047-160005
6,252,043	06/26/2001	B2047-160006
6,307,025	10/23/2001	B2047-160011
6,605,600	08/12/2003	B2047-704210
6,649,600	11/18/2003	B2047-704310
6,605,601	08/12/2003	B2047-700110
7,022,686	04/04/2006	B2047-700111

SCHEDULE A

U.S. Patent Applications:

<u>U.S. APPLICATION NO.</u>	<u>FILING DATE</u>	<u>ATTORNEY'S DOCKET NO.</u>
09/251,073	02/16/1999	B2047-700220
11/169,171	06/28/2005	B2047-700231
08/284,603	08/11/1994	B2047-700330
11/634,822	12/06/2006	B2047-700323
11/606,388	11/29/2006	B2047-700431
09/234,290	01/20/1999	B2047-700520
11/103,362	04/11/2005	B2047-700521
09/943,659	08/31/2001	B2047-700730
10/086,217	02/21/2002	B2047-700731
10/170,841	06/13/2002	B2047-701019
11/215,257	08/29/2005	B2047-701020
11/573,817	02/16/2007	B2047-7013US1
11/573,823	02/16/2007	B2047-7014US1
11/720,716	06/01/2007	B2047-7015US1
11/586,441	10/24/2006	B2047-702014
11/108,581	04/18/2005	B2047-702120
10/474,832	10/14/2003	B2047-7022US
11/872,113	10/15/2007	B2047-703120
10/552,303	07/26/2006	B2047-7031US
10/552,304	07/26/2006	B2047-7034US
10/552,306	10/07/2005	B2047-7035US
10/552,305	08/29/2006	B2047-7036US
11/447,664	06/06/2006	B2047-703223
10/461,534	06/12/2003	B2047-704220
11/125,550	05/13/2005	B2047-704221
11/829,269	07/27/2007	B2047-704222
10/646,454	08/21/2003	B2047-704311
11/487,764	07/13/2006	B2047-704312
11/484,805	07/10/2006	B2047-704313
10/488,573	08/17/2004	B2047-700US
11/006,022	12/06/2004	B2047-704411
60/898,299	01/29/2007	B2047-704700
60/898,323	01/29/2007	B2047-704800
60/944,076	06/14/2007	B2047-192P01